

Claims

1. Preparation suitable for the prevention and/or treatment of vascular disorders,
5 comprising the following fractions:

fraction a) consisting of long chain polyunsaturated fatty acids;

fraction b) consisting of phospholipids, which fraction contains at least two
different phospholipids selected from the group consisting of phosphatidylserine,
phosphatidylinositol, phosphatidylcholine and phosphatidylethanolamine.

10 fraction c) consisting of compounds which are a factor in methionine metabolism,
which fraction contains at least one member selected from the group consisting of folic
acid, vitamin B12, vitamin B6, magnesium and zinc or equivalents thereof.

15 2. Preparation according to claim 1, further comprising a fraction d) consisting of
citrate or citric acid.

3. Preparation according to claim 1, further comprising a fraction e) consisting of
huperzine A or functional analogs thereof.

20 4. Preparation according to claim 1, wherein fraction a) consists of Ω -3 and Ω -6
fatty acids.

5 Preparation according to claim 4 wherein the Ω -3 fatty acids are selected from the
group consisting of eicosapentaenoic acid and docosahexaenoic acid and the Ω -6 fatty
25 acids are selected from the group consisting of arachidonic acid and
dihomogammalinolenic acid.

30 6. Preparation according to claim 1, wherein fraction b) comprises
phosphatidylcholine, phosphatidylethanolamine and phosphatidylserine.

7. Preparation according to claim 1, wherein fraction c) contains at least folic acid and vitamin B6.

8. Preparation according to claim 1, wherein fraction c) further contains SAME, choline, betaine and/or copper.

9. Preparation according to claim 1, wherein fraction c) comprises zinc and copper, wherein the weight ratio of zinc to copper is between 5 to 12.

10. Preparation according to claim 1, which further contains a fraction f) consisting of one or more members selected from the group consisting of carnitine, vitamin B1, vitamin B5 and coenzyme Q10 or functional analogues thereof.

11. Preparation according to claim 1, which further contains a fraction g) consisting of one or more antioxidants selected from vitamin C, vitamin E, lipoic acid, selenium salt and carotenoids.

12. Preparation according to claim 1, which further contains a fraction h) consisting of an extract of ginkgo biloba.

13. Preparation according to claim 1, which comprises per daily dose:
at least 120 mg of long chain polyunsaturated fatty acids;
at least 200 mg phospholipids;
at least 200 µg folic acid; and
at least 500 mg citrate.

14. Preparation according to claim 12, which comprises per daily dose:
at least 20 mg, preferably at least 50 mg eicosapentaenoic acid
at least 50 mg, preferably at least 200 mg docosahexaenoic acid
at least 50 mg, preferably at least 100 mg arachidonic acid
at least 200 mg, preferably at least 1000 mg phospholipids,

at least 200 µg, preferably at least 400 µg folic acid
at least 100 mg, preferably at least 200 mg magnesium
at least 5 mg, preferably at least 10 mg zinc
at least 2 mg, preferably at least 2.5 mg vitamin B6
5 at least 2 µg, preferably at least 4 µg vitamin B12
at least 1.0 g, preferably at least 1.5 g citrate.

15. Preparation according to claim 1 for the treatment and/or prevention of vascular disorders or secondary disorders associated therewith.

10 16. Preparation according to claim 15, wherein the vascular disorder is atherosclerosis, arteriosclerosis, hypercholesterolaemia, hyperlipidaemia, elevated blood pressure, angina pectoris, dementia syndromes, cerebrovascular accidents, temporary disorders associated with ischaemia, M. Raynaud, vene thrombose, postpartum thrombose, myocard infarct, varicose veins, thrombo angiitis obliterans and atherosclerosis obliterans.

17. Preparation according to claim 15, wherein in the secondary vascular disorder is dementia syndromes, cognitive degeneration or hearing loss.

20 18. Preparation according to claim 1, which is a nutritional supplement.

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